Ministry of
Northern Development
and Mines
Ontario

ONTARIO GEOLOGICAL SURVEY

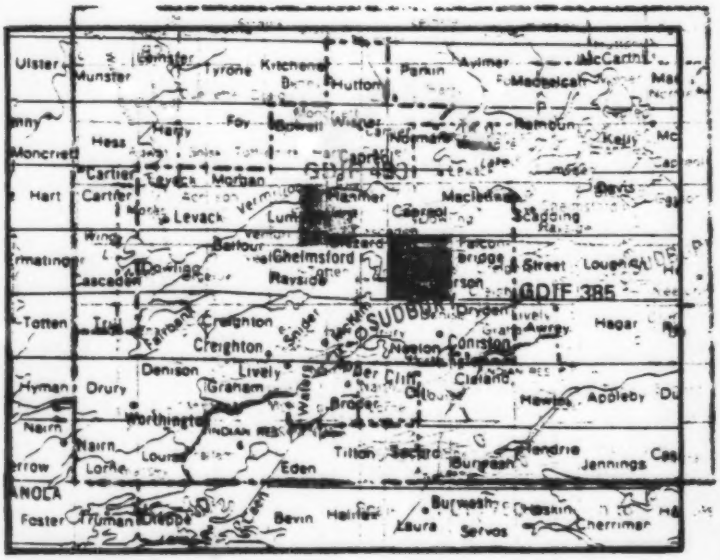
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 385

CARSON TOWNSHIP

DISTRICT OF SUDBURY

Compiled by the Staff of
the Resident Geologist's Office
Sudbury



LOCATION MAP Scale: 1:1 013 760 or 1 inch to 16 miles

NTS Number 41 I/10

Mining Claim Map Number M.831

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey

1987: Garson Township, District of Sudbury; Ontario Geological Survey, Geological Data Inventory Folio 385, compiled by the staff of the Resident Geologist's Office, Sudbury, 26p., 2 maps.

Original Compilation by: Jerome, Lucille, March 1987

Date	Page Revised	Revised by

Date	Page Revised	Revised by

TABLE OF CONTENTS

Data Sources Checklist 1

Metals and Minerals Reference List 2

Mineral Occurrences 3

Type of Work ..... 4 - 7

Drill Hole Summary 8

Airborne Geophysical Survey Data 9

Geochemical Survey Data 10

Miscellaneous Data 11

Newspaper Clipping File 12

ODM General Index Search ..... 13 - 19

Selected References ..... 20 - 25

Notes and Addenda 26
(Aerial Photographs Index)

ACCOMPANYING MAPS

Property Location Map 1

Exploration Data Map 1

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	31.103 476 8	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	0.453 592 37	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 74	kg
1 t	1.102 311	tons (short)	1 ton (short)	0.907 184 74	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.046 908 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 908 8	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	L.J.
2	Assessment Files Research Office, Toronto	N.A.	L.J.
3	ODM General Index; 9 Volumes	Yes	L.J.
4	Catalogue of Airborne Geophysical Surveys (ODM)	Yes	L.J.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	L.J.
6	ODM Industrial Mineral Reports	No	L.J.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	L.J.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	Yes	L.J.
9	Newspaper Clippings File	Yes	L.J.
10	GSC Index to Publications	Yes	L.J.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	L.J.
12	OGS Index Maps	Yes	L.J.
13	Source Mineral Deposit Records (O.G.S.)	Yes	L.J.
14	Author - Subject Articles File	Yes	L.J.
15	Miscellaneous Papers: ODM & OGS	Yes	L.J.
16	ODM Geological Circulars: OGS Study Series	Yes	L.J.
17	ODM Preliminary Reports: ODM Bulletins	No	L.J.
18	ODM – OGS Open File Reports	No	L.J.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	L.J.
20	OGS Aggregate Resources Inventory Papers	No	L.J.
21	OGS Mineral Potential Maps	Yes	L.J.
22	Theses on File, Sudbury	Yes	L.J.
23	Aerial Photographs on File, Sudbury	Yes	L.J.

METALS AND MINERALS REFERENCES LIST

△ anh. . . . . .Anhydrite
△ ank. . . . . .Ankerite
△ anna . . . . . Annabergite
△ ap. . . . . .Apatite
△ arg . . . . . Argentite
△ As . . . . . .Arsenic
△ asp . . . . . .Arsenopyrite
△ asb . . . . . .Asbestos
△ ba. . . . . .Barite
△ be. . . . . .Beryl
△ Bi. . . . . .Bismuth
△ bn . . . . . .Bornite
△ bran . . . . . .Brannerite
△ bruc . . . . . .Brucite
△ Cd . . . . . .Cadmium
△ calc. . . . . .Calcite
△ carb . . . . . .Carbonate
△ cel . . . . . .Celestite
△ cc. . . . . .Chalcocite
▲ cp. . . . . .Chalcopyrite
△ ch. . . . . .Chert
△ clay . . . . . .Clay
△ Co . . . . . .Cobalt
△ cob. . . . . .Cobaltite
△ cb. . . . . .Columbite
▲ Cu . . . . . .Copper
△ cor . . . . . .Corundum
△ dol . . . . . .Dolomite
△ ep. . . . . .Epidote
△ ery . . . . . .Erythrite
△ fel . . . . . .Feldspar
△ fl . . . . . .Fluorite (fluorspar)
△ fu. . . . . .Fuchsite
△ gn. . . . . .Galena
△ gt . . . . . .Garnet
△ goe . . . . . .Goethite
△ Au . . . . . .Gold
△ gf. . . . . .Graphite
△ gl . . . . . .Gravel
△ gyp. . . . . .Gypsum
△ hem . . . . . .Hematite
△ il . . . . . .Ilmenite
△ Fe . . . . . .Iron
△ IF. . . . . .Iron Formation
△ jas . . . . . .Jasper
△ kaol . . . . . .Kaolinite (kaolin)
△ ky . . . . . .Kyanite
△ Pb . . . . . .Lead
△ lim . . . . . .Limonite
△ Li. . . . . .Lithium
△ mgst . . . . . .Magnesite
△ mag . . . . . .Magnetite
△ mc . . . . . .Malachite
△ Mn . . . . . .Manganese
△ mb . . . . . .Marble
△ mar. . . . . .Marcasite
△ ma . . . . . .Marl
△ mi . . . . . .Mica
△ ml . . . . . .Millerite
△ mo . . . . . .Molybdenite
△ Mo . . . . . .Molybdenum
△ mon . . . . . .Monazite
△ ne. . . . . .Nephelite (nepheline)
△ nc. . . . . .Niccolite
▲ Ni. . . . . .Nickel
△ Nb . . . . . .Niobium
△ Pd . . . . . .Palladium
△ peat . . . . . .Peat
▲ pent . . . . . .Pentlandite
△ Pt. . . . . .Platinum
△ py . . . . . .Pyrite
△ pyl . . . . . .Pyrochlore
△ pyrl . . . . . .Pyrolusite
▲ po . . . . . .Pyrrhotite
△ q . . . . . .Quartz
△ qcv . . . . .Quartz carbonate vein
△ ra. . . . . .Radioactive minerals
△ RE . . . . . .Rare Earths
△ sd. . . . . .Sand
△ sgl . . . . . .Sand and gravel
△ ss . . . . . .Sandstone
△ scap . . . . . .Scapolite
△ shee . . . . . .Scheelite
△ serp . . . . . .Serpentine
△ sh. . . . . .Shale
△ sid . . . . . .Siderite
△ si . . . . . .Silica
△ Ag . . . . . .Silver
△ sl . . . . . .Slate
△ sm . . . . . .Smaltite
△ sod . . . . . .Sodalite
△ spec . . . . . .Specularite
△ sp. . . . . .Sphalerite
△ spd . . . . . .Spodumene
△ staur . . . . . .Staurolite
△ stib. . . . . .Stibnite
△ st . . . . . .Stone
△ talc. . . . . .Talc
△ Te . . . . . .Tellurium
△ td. . . . . .Tetrahedrite
△ th. . . . . .Thorite
△ Th . . . . . .Thorium
△ thuc . . . . . .Thucholite
△ ti . . . . . .Titanite
△ Ti. . . . . .Titanium
△ tour . . . . . .Tourmaline
△ trap . . . . . .Trap rock
△ W. . . . . .Tungsten
△ uran . . . . . .Uraninite
△ U . . . . . .Uranium
△ verm . . . . . .Vermiculite
△ Y . . . . . .Yttrium
△ Zn . . . . . .Zinc
△ zr. . . . . .Zircon
S. . . . . .Sulphide
cv. . . . . .Covellite

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

GARSON TOWNSHIP

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Garson Mine	po, cp, pent	Ni 3	MRC 2, p. 93 MRC 12, p. 268	Royal Ontario Nickel Commission (1917) pp. 44-45
B	Kenn Holdings and Mining Ltd.	cp	----	----	Sudbury Assessment Files Blezard 0013-B1
C	Kirkwood Mine	po, cp	Ni 16	MRC 12, p. 268	Royal Ontario Nickel Commission (1917) pp. 46, 202
D	Malbeuf and Martin	Ni, Cu	Ni 13	----	Sudbury Mineral Occurrence File

GDIF FORM NO. 1

GARSON TOWNSHIP 4

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	SHAFT WORK	PRODUCTION	OTHER
1	Ennis, W. L.											51								
2	Falconbridge Nickel Mines Ltd.				48															
3	Falgar Mining Corp. Ltd.				54			52				52[1]								
4	Fielding, C. A.			52	52															
5	Garson Mine (Inco Ltd., Mond Nickel Co. Ltd., Cryderman, J., and Mayhew, W.)			1891 -05	05[1]- 07		07 28 32- 86											06[2] 10- 15 28[3] 39[4] 53[5]- 55	08- 32 36- 86	
6	Inco Ltd.				50 52 59 71							52	52[6]							
7	Kenn Holdings and Mining Ltd., Rivers, E.											71								

GDIF FORM NO. 2

GARSON TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	SHAFT WORK	PRODUCTION	OTHER
8	Kirkwood Mine (Inco Ltd., Mond Nickel Co. Ltd., Kirkwood, T. M., McVittie, W. and Jackson, G.)			1890	71		13-15 70-76											1887-90[7] 13[8] 65[9]-67	13-15 70[10]-76	
9	Longyear Co., E. J.				16[11]															
10	McConnell Mine																	16[12]		
11	Malbeuf and Martin			-13																
12	Noranda Mines Ltd.	37 38			37 38							37[1] 38[1]								
13	Norite Explorations Ltd.				61 62			62												
14	North Denison Mines Ltd.							51												
15	Pioneer Construction, Savage, W. S.							50[13]												
16	Prospectors Airways Co. Ltd.											54[14]								
17	Seminole Exploration Co. Ltd.	47			48							48[14]								
18	Sudbury Shepherd Nickel Co. Ltd.	51			49															

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	SHAFT WORK	PRODUCTION	OTHER
19	Westville Mines Ltd.				59							57	57							

[1] No data

[2] No. 1 Shaft 225' deep

[3] No. 1 Shaft Deepened to 1447'

[4] No. 2 Shaft 2200' deep

[5] No. 2 Shaft Deepened to 4243'

[6] No significant conductor

[7] 2 Shafts: 50', 100'

[8] No: 1 Shaft 210' deep

[9] No. 1 Shaft Deepened to 2134'

[10] Open Pit Mine

[11] Locations. No logs.

GARSON TOWNSHIP

TYPE OF WORK	Numbers below represent the year in which the work was done; e.g., 68 for 1968.																	
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	SHAFT WORK	PRODUCTION	OTHER
[12] Shaft 60' deep [13] Aggregate Report [14] No significant anomaly																		

GDIF FORM NO. 7

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth Degrees	Initial Dip of Hole Degrees	Thickness of Overburden Feet	Total Length of Hole Feet	Mineralization Noted in Log	Assay Data Included for
1	Falconbridge Nickel Mines	G-XC-1	1948	315	35	1	82		
1	Ltd.	G-XC-2	1948	315	45	1	78		
2	Falgar Mining Corp. Ltd.	5-54	1954	360	45	1	250	py	
3	Fielding, C. A.	1	1952	130	75	0	45		
3		2	1952	110	80	0	50		
3		3	1952	350	80	0	56		
4		?	1952	180	45	4	1001	py	
5	Inco Ltd.	7483	1950		90	4	2800		
6		9664	1952	340	65	5	2280	po, cp	
7		13036	1959	180	45	6	497		
8		13037	1959	180	45	4	805		
7		13038	1959	045	50	6	442		
9		41264	1971	235	45	101	602	mar	
10	Kirkwood Mine (Inco Ltd.)		1971	8 holes total length 1496'. No logs.					
11	Longyear Co., E. J.		No logs.						
12	Noranda Mines Ltd.		1937-38	36 holes drilled. No logs.					
13	Norite Explorations Ltd.	1	1961	356	79	18	2510	hem, py, cp	
14		2	1962		90	10	3024	hem, py, cp	
15		3	1962	017	50	18	549	hem, py	
16		4	1962	348	45	18	546	py	
17		5	1962	136	45	12	506		
12	Seminole Exploration Co. Ltd.	N1 to N8	1948	8 holes total length 5903'. No logs.					
18	Sudbury Shepherd Nickel	N-9	1949	220	55	?	402		
18	Co. Ltd.	N-10	1949	218	75	?	541	po, cp	
19	Westville Mines Ltd.	1	1959	045	50	10	476	py	
20		2	1959	225	45	10	300	sulphides	
21		3	1959	225	50	40			
22		4	1959	225	50	30		sulphides	

GDIF FORM NO. 3

GARSON TOWNSHIP

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing

GDIF FORM NO. 4

10 CARSON TOWNSHIP

GEOCHEMICAL SURVEY DATA

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

The Sudbury Office has a collection of newspaper clippings dating back from 1968 to the present on Inco and its workings in Garson Tp.

Orford Refinery Co.

Sudbury Journal	December 22, 1898

International Nickel Co.

Sudbury Star	June 12, 1929

ODM GENERAL INDEX SEARCH

Words searched:

CANADIAN COPPER CO. LTD.
CRYDERMAN, J. T.
ENNIS, W. L.
FALGAR MINING CORP.
FIELDING, C. A.
GARSON LAKE
GARSON MINE
GARSON TOWNSHIP
INTERNATIONAL NICKEL CO. LTD.
JACKSON, G.
KENN HOLDINGS AND MINING LTD.
KIRKWOOD MINE

Index Volume	Listing:	Report Volume	Part	Page
2	Canadian Copper Co.			
	Kirkwood Mine leased by	N.C.		R46
2	Cryderman, John Thomas			
	Nickel discoveries by	N.C.		R44-45
1	Cryderman Nickel Mine, Garson Tp.			
	Rocks at and near	14	3	61,115
	norite	14	3	112
	Sand and gravel east	12		256
5	Falgar Mining Corp. Ltd.			
	Incorporated	62	1	58
1	Garson Lake, Garson Tp.			
	Conglomerate near	14	3	94
2	Norite, notes	24	8	14
9	Garson Lake			
	Garson Tp., Sudbury Dist.	GR181		33
8	Garson Mine, Inco			
	Garson Tp., Sudbury Dist.			
	mining property, report on	74		97
		75		97
		76		112
		77		103
		78		72-73
		79		79
		80		76-77
		GB4		86
9	Garson Mine			
	Garson Tp., Sudbury Dist.	ASR7		107-108
		MPBP4		82
1	Garson Nickel Mine, Garson Tp.			
	Mining Notes (1906)	16	1	67
	(1907)	17		76
	(1908)	18	1	88
	(1909)	19	1	84
	(1910)	20	1	92
	(1911)	21	1	111
	(1912)	22	1	104,105
	(1913)	23	1	117,118
	(1914)	24	1	101
	(1915)	25	1	74

ODM GENERAL INDEX SEARCH

Words searched:

KIRKWOOD, T. M.
LONGYEAR CO., E. J.
MCCONNELL MINE
MCVITTIE, W.
MALBREUF AND MARTIN
MAYHEW
MOND NICKEL CO. LTD.
NORANDA MINES LTD.
NORITE EXPLORATIONS LTD.
NORTH DENISON MINES LTD.
PIONEER CONSTRUCTION
PROSPECTORS AIRWAYS CO. LTD.

Index Volume	Listing:	Report Volume	Part	Page
1	Garson Nickel Mine, Garson Tp., cont'd			
	Photos	17		77
	Production	20	1	27
		21	1	23
		22	1	24
		24	1	24
		25	1	15
	Waterpower for	19	1	146
2	Garson Nickel Mine, Garson Tp.			
	Acquired by Mond Co.	N.C.		R81,A97
	Description	N.C.		R218,219
	Flow-Sheet	N.C.		R448
	Gas, natural, analysis	35	1	141
	Geological map	N.C.		R157
	Gossan	N.C.		R44
	Historical notes	N.C.		R44
	Location. See map	N.C.		R104
	Micropegmatite, character	N.C.		R121
	Mining methods	N.C.		R218,219
	Norite and greenstone, contact, diagram showing	N.C.		R115
	Operations (1916)	26		87
	(1917)	27	1	95
	(1918)	28	1	110
	(1919)	29	1	74
	(1920)	30	1	78
	(1921)	31	10	27
	(1922)	32	7	36
	(1923)	33	6	26
	(1924)	34	1	82
	(1925)	35	1	140
	Ore assay	N.C.		R497
	magnetic separation	24	1	20
	production (1923)	34	1	21
	smelting, analysis	N.C.		R451
	Ore body, character	N.C.		R114,162
	description	N.C.		R155-163, 218
	diagrams	N.C.		R159-162
	exhaustion, no sign of	N.C.		R29
	plans at different levels	N.C.		R158
	origin	N.C.		R130-132
	shape	N.C.		R114
	Outcrops on hills	N.C.		R115
	Photo	N.C.		R156

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

RIVERS, E.
SEMINOLE EXPLORATION LTD.
SUDBURY SHEPHERD NICKEL CO. LTD.
WESTVILLE MINES LTD.

Index Volume	Listing:	Report Volume	Part	Page
2	Garson Nickel Mine, Garson Tp., cont'd			
	Production (1915)	N.C.		R218,497
	(1916)	26		23
	(to 1916)	N.C.		R81
	(1917)	27	1	25
	(1918)	28	1	22
	(1919)	29	1	18
	(1920)	30	1	16
	(1925)	35	1	24
	Quartz shipments (to 1916)	N.C.		R130
	vein on footwall, sketch	N.C.		R160
	Rock, schistose (sketch)	N.C.		R160
	Sampling	N.C.		R187
	Sulphides	N.C.		R161
	pentlandite	N.C.		R219
	Trap rock quarried	34	1	45
3	Garson Nickel Mine, Garson Tp.			
	Description	43	2	37-39
	Fire underground	47	1	256
	Operations (1931)	41	1	103
	(1932)	42	1	104
	(1936)	46	1	33
	(1937)	47	1	237
	(1938)	48	1	29,226
	(1939)	49	1	31,231
	Ore reserves (1929)	39	1	145
	Wall-rock alteration	43	2	43
4	Operations (1940)	50	1	157,158
	(1941)	51	1	227,228
	(1942)	52	1	219
	(1943)	53	1	187
	(1944)	54	2	111
	(1945)	55	2	92
	(1946)	56	2	103
	(1947)	57	2	104,105
	(1948)	58	2	92, 93
	(1949)	59	2	90, 91
7	(1960)	70		92, 94
	(1961)	71		100
	(1962)	72		101
	(1963)	73		97
1	Garson Tp.			
	Agricultural land	14	3	106
	Beaches	14	3	103,106

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
1	Garson Tp., cont'd			
	Copper mining	8		19
	Gravel and sand plains	12		273
		13	1	203
		14	3	74
	Nickel mining	16	1	39
	prospecting, by Mond Co.	15	1	66
	Pyrrhotite	8		36
	Rocks, greenstone	1		75
	nickel-bearing	14	3	60-62
	norite	12		242
	quartzite	14	3	92,128
2	Garson Tp., Sud.			
	Nickel, boring for	N.C.		R185-187
	records; assays	N.C.		R144-157
	discoveries	N.C.		R45,46
3	Quartz quarry	46	1	82
		49	1	64
	Rocks	43	2	21, 29
6	Rocks	65	3	27-30,85
	glowing avalanche deposits, notes and photos	65	3	77-79,86
	quartzite in tuff, notes and photos	65	3	19, 20
	rhyolite dikes, notes and photo	65	3	14,70-73
	tuff-breccia, analysis	65	3	18
4	Garson Tp., Sudbury Dist.			
	Rocks	50	6	9
9	Geology (Quaternary) of the Sudbury Basin area	GR181		
	Gersdorffite	70		172
	Nickeline	70		263
	Sand and gravel	GR181		46,80-83
8	International Nickel Co. of Canada Ltd.			
	Garson Tp., Sudbury Dist.			
	report on Kirkwood Mine	75		99
		76		114
		77		103-104
		78		73
		79		79-80
		80		77
1	Jackson, George W.			
	Discoverer of Kirkwood Nickel Mine	8		36

GDIS FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
1	Kirkwood Nickel Mine, Garson Tp.			
	Idle (1902)	12		256
	(1904)	24	1	99
	(1915)	25	1	74
	Production	24	1	24
		25	1	15
	Rocks at and near:			
	norite	14	3	112
	notes by Coleman	14	3	61
	structure	14	3	81
	Work at (1899)	8		36, 37
	(1913)	23	1	120
	(1914)	24	1	101
	(1915)	25	1	74
3	Kirkwood Nickel Mine, Garson Tp.			
	Irruptive offset	43	2	29
9	Kirkwood Mine			
	Garson Tp., Sudbury Dist.			
	report on property	MPBP4		82
2	Longyear Co., E. J.			
	Capital and date of license	26		59
	Nickel, boring for, Falconbridge and Garson tps.	N.C.		R48, 185-187
	found by	26		56
	well records	N.C.		A144-157
	Nickel claims			
	contact greenstone and norite, diagram	N.C.		R115-116
	micropegmatite, dike-like form	N.C.		R121
5	Longyear Co., E. J.			
	Licensed	63	1	60
2	McVittie, William			
	Discoverer, Kirkwood ni. deposit	N.C.		R46
2	Mayhew, Wm.			
	Lessee, Garson n. claims	N.C.		R45
1	Mond Nickel Co.			
	Capital and date of charter	10		10
	license	25	1	43

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
1	Mond Nickel Co., cont'd			
	Production (1902)	12		17, 19
	(1903)	13	1	6
	(1906)	16	1	14, 56
	(1907)	17		20
	(1909)	19	1	28
	(1910)	20	1	27
	(1911)	21	1	23
	(1912)	22	1	24
	(1914)	24	1	24
	(1915)	25	1	14, 15, 74-76
	Work by (1901)	11		20, 21
	(1902)	12		117,125
	(1904)	14	1	68, 72
		14	3	15, 28
	(1905)	15	1	11,12,66
	(1906)	16	1	39,66,67
	(1907)	17		58, 75
	(1908)	18	1	84,87,88
	(1909)	19	1	84, 85
	(1910)	20	1	91-93
	(1911)	21	1	23, 111
	(1912)	22	1	104
	(1913)	23	1	117,120
	(1914)	24	1	99-101
	(1915)	25	1	73-77
3	Mond Nickel Co. Ltd.			
	Dividends	49	1	31
	Merged with International Nickel Co.	38	1	163
9	Pioneer Construction			
	Sudbury Basin area, Sudbury Dist.			
	report on properties	GR181		63,69, 77, 78
4	Seminole Exploration Ltd.			
	Incorporated	55	1	55
4	Sudbury Shepherd Nickel Co. Ltd.			
	Incorporated	58	1	45
4	Westville Mines Ltd.			
	Incorporated	55	1	54

GDS FORM NO. 6

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Card, K. D.	1966-67	Sudbury Mining Area	O.D.M. Map 2170	1" = 1 mile
Card, K. D., Lumbers, S. B.	1974-75	Sudbury Cobalt Geological Compilation (revised)	O.G.S. Map 2361	1" = 4 miles
Dressler, B. O.	1984	Sudbury Geological Compilation	O.G.S. Map 2491	1:50,000
	1983	Sudbury Mining Area East Part	O.G.S. Map P.2603	1:50,000
Meyn, H. D.	1966	Capreol Sheet	O.G.S. Map P.367	1" = 2 miles
Thomson, J. E.	1956	Geology of the Sudbury Basin	O.D.M. Map 1956-1	1" = 1 mile
		GEOPHYSICAL MAPS		
Dept. of E.M.R.	1965	Aeromagnetic Map - Capreol Sheet	G.S.C. Map 1511G	1" = 1 mile
G.H.D. Consultants	?	Aeromagnetic Map - Sudbury Research Project	Map 2	1" = ½ mile
Gupta, V. K.	1981	Bouguer Gravity and Generalized Geology Map, Sudbury-Onaping Lake	O.G.S. Map P.2482	1:100,000
O.D.M. - G.S.C.	1965	Aeromagnetic Map - Sudbury Sheet	7067G	1" = 4 miles
	1976	Uranium Reconnaissance Program Airborne Gamma Ray Spectrometer Survey Sudbury	P.1610	1:250,000
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Burwasser, G. J.	1979	Quaternary Geology of the Sudbury Basin Area	O.G.S. Report 181 Map 2397	1:50,000

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Dept. of E. M. R.	1975	Topographic Map - Capreol		1:50,000
Gartner, J. F.	1980	N.O.E.G.T.S. Data Base Map Capreol N.O.E.G.T. Study 95 Capreol	Map 5001	1:100,000
		MINERAL POTENTIAL MAPS		
Innes, D. G. and Jost, M.	1977	Nickel deposits of Ontario East Central Sheet	P.1062	1" = 16 miles
Springer, J.	1977	Ontario Mineral Potential, Northern Part of Sudbury Sheet and Part of North Bay Sheet	O.G.S. Map P.1512	1:250,000
		GEOCHEMICAL		
		None as of March 26, 1987		
		GEOLOGICAL REPORTS AND MAPS		
Adlington, R.	1982	Garson Township, Sudbury Data Series	O.G.S. Map P.2547	1" = ½ mile
Barlow, A. E.	1904	Report on the Origin, Geological Relations and Composition of the Nickel and Copper Deposits of the Sudbury Mining District, Ontario	G.S.C. Ann. Rept.	
Bell, R.	1891	Report on the Sudbury Mining District	G.S.C. Ann. Rept. Map 343	
Burrows, A. G. and Rickaby, H. C.	1934	Sudbury Nickel Field Restudied	O.D.M. AR Vol. 43, pt. 2 COLMAP 43D	pp. 1-49 1" = 3/4 mile
Burwasser, G. J.	1979	Quaternary Geology of the Sudbury Basin Area	O.G.S. Report 181 COLMAP 2397	1:50,000

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Card, K. D., Innes, D. G., and Debicki, R. L.	1977	Stratigraphy, Sedimentology and Petrology of the Huronian Supergroup in the Sudbury-Espanola Area	O.G.S. Study 16	
Coleman, A. P.	1905	The Sudbury Nickel Field	O.B.M. AR Vol. 14 pt. 3 COLMAP 14D	pp. 1-166 2" = 3 miles
Giblin, P. E., Pye, E. G., and Naldrett, A. J.	1984	The Geology and Ore Deposits of the Sudbury Structure	O.G.S. Special Volume 1 Map 2491 MAP NL 16/17-AM 3 charts	 1:50,000 1:1,000,000
Hewitt, D. F.	1967	Pyrite Deposits of Ontario	MRC 5	
Shklanka, R., editor	1969	Copper, Nickel, Lead and Zinc Deposits of Ontario	MRC 12	p. 268
Thomson, J. E.	1957	Copper, Nickel, Lead and Zinc Deposits in Ontario	MRC 2	p. 93
	1956	Geology of the Sudbury Basin	O.D.M. Vol. 65, pt. 3 Map 1956-1	pp. 1-56 1" = 1 mile
	1957	Southeast Part of the Sudbury Area	Map 1957-6	1" = 1 mile
Young, G. A.	1904	On Surveys Between Rabbit and Timagami Lakes	G.S.C. Ann. Rept.	pp. 195-198
		JOURNALS, ARTICLES, THESES, TECHNICAL REPORTS		
Atwood, W., Jr.	1927	Physical Features of the Sudbury Basin; M. S., Clark University	MP 2	
Beales, F. W. and Lozej, G. P.	1975	Sudbury Basin Sediments and the Meteoritic Impact Theory of Origin for the Sudbury Structure	C.J.E.S. Vol. 12	pp. 629-635

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Bedell, F. G.	1906	The Sudbury Mining District; Ph. D., University of Kansas	MP 2	
Bell, J. M.	1920	The Nickel-Copper Mines of Sudbury	Mining Mag. 23(2)	pp. 87-94
Bell, R.	1891	The Nickel and Copper Deposits of Sudbury District, Canada	Geol. Soc. Amer. Bull. Vol. 2	pp. 125-140
Broucoum, S. J., and Dalziel, I. W.	1974	The Sudbury Basin, the Southern Province, the Grenville Front and the Penokean Orogeny	Geol. Soc. Amer. Bull. 85(4)	pp. 1571-1580
Card, K. D. and Hutchinson, R. W.	1972	The Sudbury Structure: Its Regional Geological Setting	G.A.C. Special Paper 10	pp. 67-78
Clauson, V.	1947	Geology of the Sudbury Basin Area, Ontario, Canada; Ph. D., University of Washington	MP 2	
Coleman, A. P.	1924	Geology of the Sudbury Nickel Deposits	Econ. Geol. 19(5)	pp. 565-576
Cunningham-Dunlop, P. K.	1954	Structural Geology of Ontario Pyrite Deposits, Sudbury, Ontario; M. A. Sc., University of Toronto	MP 2	
Dickson, C. W.	1903	Ore-Deposits of Sudbury, Ontario; Ph. D., Columbia University	MP 2	
Dupuis, L., Whitehead, R. E., and Davies, J. F.	1982	Evidence for a Genetic Link Between Sudbury Breccias and Fenite Breccias	C.J.E.S., Vol. 19	pp. 1174-1184
Harris, D. C. and Nickel, E. H.	1972	Pentlandite Compositions and Associations in some Mineral Deposits	Can. Mineralogist Vol. 11	pp. 861-878

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Heale, T. R.	1946	Magnetic Pentlandite and the Relations of Pentlandite, Pyrrhotite and Chalcopyrite in Sudbury Nickel Ores; B. A., Queen's University	MP 2	
Hixon, H. W.	1904	Geology of the Sudbury District		
Inco	1946	The Operations and Plants of International Nickel Company of Canada Ltd.	Engineering and Mining Journal	pp. 1022-1023
Michener, C. E.	1940	Minerals Associated with Large Sulphide Bodies of the Sudbury Type; Ph. D., University of Toronto	Can. Mining Vol. 65(5)	pp. 322-331
Mohide, T. P., Warden, C. L. and Mason, J. D.	1977	Towards a Nickel Policy for the Province of Ontario	MP 2	
Naldrett, A. J. et al	1982	Compositional Variation Within and Between Five Sudbury Ore Types	OMNR, DOM MPBP4	
Royal Ontario Nickel Commission	1917	Report of the Royal Ontario Nickel Commission with Appendix	Econ. Geol. Vol. 77	pp. 1519-1534
Thomson, J. E.	1969	A Discussion of Sudbury Geology and Sulphide Deposits	MP 30	
Thomson, R.	1935	A Study of the Nickel Intrusive, Sudbury, Ontario; Ph. D., University of Chicago	MP 2	
Williams, H.	1956	Glowing Avalanche Deposits of the Sudbury Basin	AR 65, pt.3	pp. 57-89

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages

GDIF FORM NO. 9

NOTES AND ADDENDA

AERIAL PHOTOGRAPHS INDEX

Scale 1" = ¼ mile

Sudbury Files

Year	Roll	Line	Number
1970	27	4625	78-84
	27	4624	152-157
	46	4623	164-169
1946	29	150	31-38
	27	151	33-35
	27	152	69-75
	201	153	59A-65A

MAPS
NOT
FILMED

CARTES
OMISES